

NACHINKIN, O.I.; SHUR'YEVA, G.G.; KONSTANTINOVA, G.V.; SEDOV, F.A.;  
TROITSKAYA, N.N., master-laborant; DOBROMYSLOVA, M.F., master-  
laborant

Use of surface-active agents in the production of "Vinol" fibers.  
Khim. volok. no.6:26-28 '65. (MIRA 18:12)

1. Leningradskiy filial Vsesoyuznogo nauchno-issledovatel'skogo  
instituta iskusstvennogo volokna. Submitted June 13, 1964.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410620006-2

CHERTKOV, B.A.; VASIL'YEV, B.T.; DOBROMYSLOVA, N.S.

Increasing the stability of ammonium bisulfite used in the production  
of caprolactam. Khim.prom. no.9:633-634 S '62. (MIRA 15:11)  
(Ammonium sulfite) (Azepinone)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410620006-2"

CHERTKOV, B.A.; DOBROMYSLOVA, N.S.

Effect of sulfate impurities on the partial pressure of SO<sub>2</sub>  
over ammonium sulfite-bisulfite solutions. Zhur. prikl. khim.  
37 no.8:1718-1723 Ag '64. (MIRA 17:11)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410620006-2

CHERTKOV, B.A.; DOBROMYSLOVA, N.S.

Physical properties of ammonium bisulfite solutions and their use in production control. Zhur. prikl. khim. 38 no.7:1456-1463 Jl '65.

(MIRA 18:7)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410620006-2"

CHERTKOV, B.A.; RAMM, V.M.; DOBROMYSLOVA, N.S.

Absorption of sulfur trioxide by oleum. Zhur. prikl. khim.  
38 no. 10:2330-2332 O '65. (MIRA 18:12)

1. Submitted August 5, 1963.

DOBROMYSLOVA, O. P.

"Secretory and Excretory Functions of Glands in the Small Intestine Normally and Pathologically." Sub 31 Aug 51, First Moscow Order of Lenin Medical Inst.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55. p 28

CANDIDATE OF MEDICAL SCIENCES

~~Medicine - Physiology~~

Dobromyslova, O.P.

FD-1333

Card 1/1 : Pub 33-11/25  
Author : Dobromyslova, O. P.  
Title : On the question of the secretory and excretory function of glands of small intestines  
Periodical : Fiziol. zhur. 4, 453-465, Jul/Aug 1954  
Abstract : Results of experiments on dogs revealed that any disturbance in the normal function of the stomach finds its reaction in disturbance in other parts of the gastrointestinal tract. Subcutaneous abscesses, appearing after application of fistula in the stomach, effect decrease in secretion from the intestinal glands. Thermal irritation of mucous membrane of the stomach also depresses intestinal secretion. Amylolitic power of the juice, secreted after an operation on the stomach, becomes twice as great. Secretory activity of the intestinal tract becomes normal as soon as the pathological symptoms in the stomach disappear. Charts. Fifteen Soviet references.  
Institution : Chair of Normal Physiology, First Moscow Order of Lenin Medical Institute  
Submitted : December 13, 1952

USSR/Biology - Physiology, O. P.

Card 1/1

Pub 17-1/20

FD-2502

Author

: Dobromyslova, O. P.

Title

: Interoceptive reflex effects from the baroceptors of the small intestine on the secretory and motor activity of the small intestine

Periodical

: Byul. eksp. biol. i med. 4, 3-7, Apr 1955

Abstract

: Investigated the question of the existence of a reflex influence of the baroceptors of the small intestine on its motor and secretory activity and the effect of the intensity and duration of the applied stimulus on the character of the interoceptive influence. Graphs. Six references; all USSR, 3 after 1940

Institution

: Chair of Normal Physiology (Head - Prof. A. A. Zubkov) of the Kishenev Medical Institute

Submitted

: July 7, 1954 by V. N. Chernigovskiy, Member of the Academy of Medical Sciences USSR

USSR/Human and Animal Physiology. Sense Organs. Interception.

T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93729.

Author : Dobromyslova, O.P.

Inst : Kishinev State Medical Institute.

Title : Further Material on the Problem of the Dependency of Baroreceptor Reflexes from the Small Intestine on the Metabolic State in the Receptor Field.

Orig pub: Tr. Kishinevsk. gos. med. in-ta, 1956, 5, 167-173.

Abstract: Shutting off of glycolysis on the intestinal wall by introducing into the intestinal tract 1 - 2 ml of a 1% solution of moniodacetic acid or 2 : 1 of a 1% NaF solution, or shutting off respiratory phosphorylation by introduction of 4 ml of a 0.05% solution of 2,4-dinitrophenol in dogs with "efferent" and "receptor" Thiry-Wells' [?] ansae and in a crucial

Card : 1/2

DOBROMYSLOVA, O.P.

Relation of blood pressure reflex arising in baroreceptors of small intestine and metabolism in the receptor area [with summary in English]. Biul.eksp.biol. i med. 43 no.3:7-12 Mr '57. (MLRA 10:7)

1. Is kafedry normal'noy fiziologii (zav. - prof. A.A.Zubkov) Kishinevskogo meditsinskogo instituta. Predstavlena deyatvitel'nym chlenom AMN SSSR V.N.Chernigovskim.

(INTESTINE, SMALL, physiol.

blood pressure reflex in baroreceptors & metab. in receptor area in cats (Rus))

(BLOOD PRESSURE

reflex in baroreceptors of small intestine in cats (Rus))

(REFLEX  
relation of blood pressure reflex in baroreceptors of small intestine & metab. in receptor area in cats (Rus))

DOBROMYSLOVA, O.P.; SOLOV'IEVA, N.I.

Changes in the reactivity of cutaneous receptors in frogs under  
the influence of drugs acting on the metabolism. *Fiziol. zhur.*  
46 no.1:98-102 Ja '60.

(MIRA 13:5)

1. From the department of normal physiology of the Medical  
Institute, Kishinev.

(SKIN physiol.)  
(TISSUE METABOLISM pharmacol.)  
(REFLEXES)

DOBROMYSLOVA, O.P.

Changes in the reactivity of the receptors of the small intestine  
under conditions of inflammation. Zdravookhranenie 4 no. 1:40-43  
Ja-F '61. (MIRA 14:2)

1. Iz kafedry normal'noy fiziologii (zav. - z.d.n. Moldavskoy  
SSR prof. A.A. Zubkov) Kishinevskogo meditsinskogo instituta.  
(INTESTINES—DISEASES) (RECEPTORS (NEUROLOGY))

DOBROMISLOVA, O.P.

Electrophysiological study of the dependence of the functional state of skin receptors in frogs on metabolism in the receptor field. Biul.eksp. biol. i med. 51 no.1:13-17 Ja '61.

1. Iz kafedry normal'noy fiziologii (zav. - prof. A.A.Zubkov)  
Kishinevskogo meditsinskogo instituta. Predstavljona akademikom  
V.N.Chernigovskim.

(SKIN--INNERVATION)  
(CARBOHYDRATE METABOLISM)

(ADENOSINE PHOSPHATES)  
(RECEPTORS (NEUROLOGY))

DOBROMYSLOVA, O.P.

- Spontaneous afferent impulses as an index of the functional state  
of the receptors. Fiziol.zhur. 48 no.5:571-578 My '62. (MIRA 15:8)
1. From the Department of Physiology, Medical Institute, Kishinev.  
(NERVES) (NEUROCHEMISTRY)

DOBROMYSLOVA, O.P.

Effect of temperature on the functional state of receptors in  
cold-blooded animals. Nauch. dokl. vys. shkoly; biol. nauki  
no.4:49-53 '63 (MIRA 16:11)

1. Rekomendovane kafedroy normal'noy fiziologii Kishinevskogo  
meditsinskogo instituta.

\*

DOBROMYSLOVA, O.P.

Role of acetylcholine in the induction of excitation in  
receptors. Zdravookhraneniye 6 no.2:31-35 Mr-Apr'63.

1. Iz kafedry normal'noy fiziologii (zav. - zasluzhennyy  
deyatel' nauki prof. A.A.Zubkov) Kishinevskogo meditsinsko-  
go instituta. (MIRA-16-10)

L 28520-66 EWA(h)/EWT(1)  
ACC NR: A T6004863

SOURCE CODE: UR/2563/65/000/255/0177/0183

AUTHOR: Dobromyslova, V. T.

55  
B+1

ORG: none

TITLE: Operation analysis of a thin-film parametron under stationary conditions

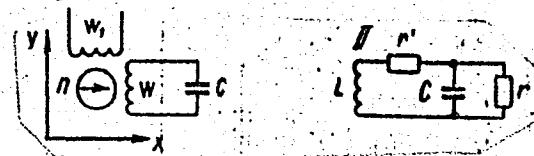
SOURCE: Leningrad. Politekhnicheskiy institut. Trudy, no. 255, 1965.  
Radioelektronika (Radio electronics), 177-183

TOPIC TAGS: parametron, magnetic thin film, microelectronics, magnetic anisotropy

ABSTRACT: Magnetic-thin-film parametrons are theoretically analyzed. T. L.

Gilbert's relation (Phys. Rev., 1955, v. 100, p. 1243) describing the dynamic behavior of ferromagnetics is adapted to magnetic-thin-film single-axis-anisotropy conditions.

This equation is set up for the parametron (see figure) with an easy-magnetization x-axis:



Parametron circuit;  
left - principal; right - equivalent

Card 1/2

L 28520-66

ACC NR: AT6004863

$$\frac{d^2\delta}{dt^2} + \frac{1+h_0}{k} \delta = - \frac{\lambda}{(1-\lambda^2) k} \frac{d\delta}{dt} - \left( \frac{1}{\sqrt{1-\delta^2}} - 1 \right) \frac{h_0 \delta}{k} - \frac{h_0 \cos v_0 t}{k \sqrt{1-\delta^2}} \delta, \text{ where}$$

 $k = \frac{CW\mu_0 DS'M}{H_K}; \quad \delta = \sin \varphi.$  The equation is solved by a double-integration

Bogolyubov-Mitropol'skiy method. The solutions are presented in the form of curves which show the regions of existence of parametric oscillations under various conditions. An experimental corroboration of formulas is mentioned.  
Orig. art. has: 3 figures and 35 formulas.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 002

Card 2/2 CC

BIRO, N.A.; MÜHLRAD, A.; DOBRONAI, P.

A simple and sensitive method for the estimation of inorganic phosphorus. Acta physiol. hung. 18 no.4:247-252 '61.

1. Institute of Phylogeny and Genetics, Biochemistry Group, L. Eotvos University, Budapest, and Richter Pharmaceutical Works, Budapest.

(PHOSPHORUS chem)

DOBRONEVSKIY, Ye.D.

Organisation of patent information in the U.S.S.R. Elektrosviaz' 19  
no.7:80 Jl '65.  
(MIRA 18:7)

DOBRODNOVA, A.N.; LEVSKIY, L.K.; MURIN, A.N.; TITOV, N.Ye.

Gross sections of the formation of krypton and xenon isotopes in  
uranium fission by 680 Mev. protons. Atom. energ. 14 no.5:484-487  
My '63. (MIRA 16:6)

(Krypton isotopes) (Xenon isotopes) (Nuclear fission)

DOBRONEVSKIY, O.V. [Dobronevs'kyi, O.V.]; SAVANCHUK, V.O.; KAPLAN,  
Ya.L., red.; KLIMENKO, L.I., tekhn. red.

[High-speed electronic digital computers] Shvydkodiiuchi  
elektronni tsyfrovi obchysliuval'ni mashyny; posibnyk dlia  
vchyteliv. Kyiv, Radians'ka shkola, 1962. 203 p.  
(MIRA 16:3)

(Electronic digital computers)

KOZLOV, Vasiliy Sergeyevich; DORRONEVSKIY, Ye.D., nauchn. red.

[Black and white electron-beam tubes and external auxiliary devices] Chernobelye elektronnoluchevye trubki i vneshnie vspomogatel'nye ustroistva. Moskva, TSent nauchno-issl. in-t patentnoi informatsii i tekhniko-ekon. issl., 1964. 40 p.  
(MIRA 18:5)

FINGER, A.A.; DOBRONEVSKIY, Ye.D., nauchn. red.

[Electronically excited regulated industrial electric drives] Reguliruemyi ionnyi elektroprivod dlia promyshlennogo oborudovaniia. Moskva, TsNIIPI, 1964. 34 p.  
(MIRA 18:5)

L 25935-66 TCH/JT

ACC NR: AP6016670

SOURCE CODE: UR/0106/65/000/007/0080/0080

43

B

AUTHOR: Dobronevskiy, Ye. D.

ORG: none

TITLE: Organization of patent information in the USSR

SOURCE: Elektrosvyaz', no. 7, 1965, 80

TOPIC TAGS: scientific policy, electron tube, radio receiver, radar equipment, TV equipment

ABSTRACT: In the USSR information on patents is provided by the Central Scientific Research Institute of Patent Information and Technical-Economic Studies (TsNIIPI). Each year it acquires

250,000 descriptions of patents from many other countries. It publishes a patent information bulletin (*Bulleten' Izobreteniya i Tovarnykh Znakov*) (Bulletin of Inventions and Trademarks) as well as bibliographical cards with abstracted translations from foreign patent journals, which are mailed to subscribers within three months from the date of reception of these journals. In addition, it publishes retrospective collections of patents from different countries, intended to provide information on patent standards that must be met by production designed for export.

Card 1/2

UDC: 002(088.8)

2

L 25935-66

ACC NR: AP6016670

Tables of bibliographical information about domestic and foreign patents on specific topics ("tabulograms"), obtained by computer processing of primary patent documents, have been compiled for the principal branches of new technology, including receiving-amplifying and oscillator tubes, antenna-feeder and radio-receiving devices, radar, television, etc. Microfilms of patent documents are provided together with these tabulograms. In addition, more than 50 special patent surveys have been published on radioelectronic equipment and instrument-making alone. Each of these surveys contains an analysis of the level of development of the concerned branch of engineering and production, provides statistical information on the distribution of pertinent patents by country, year, and class, and indicates the principal trends of development in the concerned branch of engineering. In addition, it presents and generalizes the most interesting technical solutions, on specifying the pertinent patents (country, patent number, class, year). Furthermore, current reference and methodological material is also published in the monthly periodical *Informatsiya po Izobretatel'stvu* (Information on Inventions) -- the official journal of the State Committee for Inventions and Discoveries USSR.

[JPRS]

SUB CODE: 09 / SUBM DATE: 16Mar65

Card 2/2 F1)

DOBROVIC, Tatjana, inz.; MIKULA, Jelena, inz.

Application of hardened polyester resins in shipbuilding industry.  
Brodogradnja 13 no.5:175-186 162.

MIKULA, Jelena, inz.; DOBROVIC, Tatjana, inz.

Use of reinforced polyester resins in shipbuilding industries.  
Kemija u industriji ll no.7:401-407 J1 '62.

VOGRIGH, Ksenija, prof.; DOBRONIC-ALKALAJ, Tatjana, inz.

Insulating and impregnating varnishes for electrical  
industries. Kem ind 13 no. 1: 38-39 Ja '64.

DOBROVIC, T.

Dobronic, T.; Pavlic, V. Porozit, an insulation material. Izvjestaji, p.5-26  
Radonja, a factory for chemical products in Sisak. p.297

SO: Monthly List of East European Accessions List (EEAL) LC, Vol 4, No. 11  
November 1955, Uncl.

COUNTRY:	: Yugoslavia	H-29
CATEGORY:	:	
ABS. JOUR.	: RZKhim., No. 51960, No.	20073
AUTHOR	: Dobronic-Alkalaj, T.	
INST.	: Not given	
TITLE	: Polyester Resins and Plastics Produced from Them	
ORIG. PUB.	: Brodograonja, 9, No 6, Suppl, 1j-1s (1958)	
ABSTRACT	Data are given on the dynamics of the growth of polyesters production in the USA during the period 1948-1957. The properties of polyester resins, curing of the resins, processes for the conversion of resins into plastics, mechanical processing of the plastics, and fields of application of the products obtained are described. L. Fesin	
CARD:	1/1	

DOBROVIC-ALKALAJ, Tatjana, ing.

Water-proof glues. Kem ind 10 no.6:Suppl.C-60—C-62 Je '61.

1. "Chromos", Zagreb.

LEVIN, M.Z.; SHUMILOV, K.D.; LESHCHINSKIY, M.F.; RAFALOVICH, A.I.: DOBRONOG,  
S.N.

Determining pressures on rollers and capacity of the motor for ~~roll~~-  
ler straighteners. Trudy DII 36 Ser.met. no.6:5-27 '59.  
(MIRA 14:9)

(Rolling mills--Equipment and supplies)

DOBRONOG, S.N., starshiy prepodavatel'

Valuable suggestions of efficiency promoters at a metallurgical plant. Bezop.truda v prom. 3 no.9:30 S '59.  
(MIRA 13:2)

1. Donetskij industrial'nyy institut.  
(Stalino--Technological innovations)

S/123/61/000/002/008/017  
A005/A001

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1961, No. 2, p. 17,  
# 2V130

AUTHORS: Levin, M. Z., Shumilov, K. D., Leshchinskiy, M. F., Rafalovich, A. I.,  
Dobronog, S. N.

TITLE: The Determination of the Pressures on the Rolls and the Power of the  
Motor of Roll-Straightening Machines

PERIODICAL: "Tr. Donetsk. industr. in-ta", 1959, No. 36, pp. 5-27

TEXT: Formulae are presented for determining the bending moments, the radii of curvature, the pressure on the rolls, and the power of the motor. A method is given for verifying the calculation formulae by the investigation of the straightening process of 8-20 mm thick sheets on a 7-roll plate-straightening machine. It is suggested to make more precise the calculation of roll-straightening machines by determining the power consumed by each roll to straightening a strip. The power is calculated from the total curvature (removable curvature + curvature of deflection); hereat, the deflection curvature is determined from the experimental magnitude of the depth of curvature, under the assumption that the bent axis of

Card 1/2

S/123/61/000/002/008/017  
A005/A001

The Determination of the Pressures on the Rolls and the Power of the Motor of  
Roll-Straightening Machines

the strip section being straightened by the roll is a circular arc. It is  
mentioned that the straightening energy is required to both the plastic and elastic  
deformation of the strip; therefore, the calculation of the power without allow-  
tables, and 1 reference.

Yu. Semenenko

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

1. GRUDOV, P.P.: DOBRONOVICH, K. V.
2. USSR (600)
4. Lathes
7. Cooling of lathe tools with a high pressure stream. Stan. i instr.  
23 No. 9, 1952.
9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

DOBROKHOVICH, N. V.

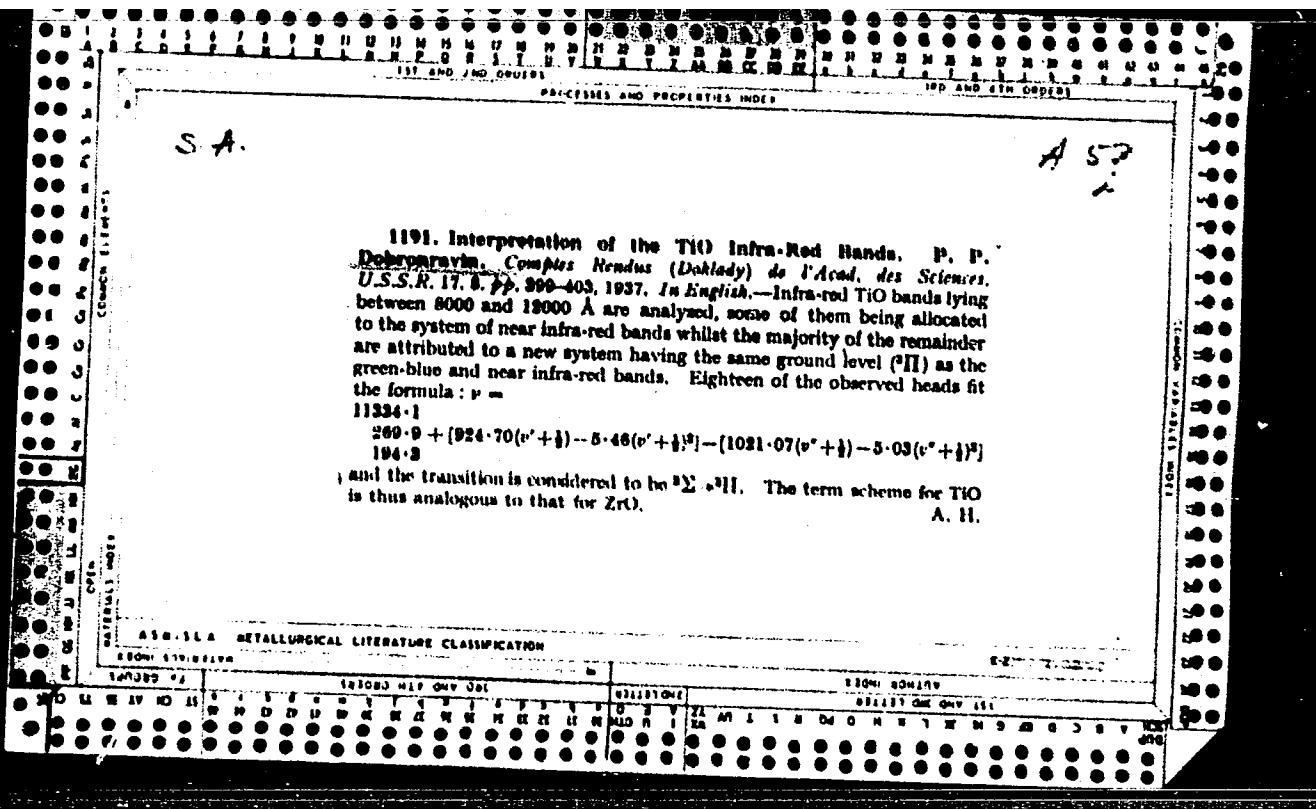
DOBROKHOVICH, N. V.: "Investigation of the speed of turning cast iron".  
Moscow, 1955. Min Higher Education USSR. Moscow Machine-Tool and Toll  
Inst imeni I. V. Stalin. (Dissertation for the Degree of Candidate of  
TECHNICAL Sciences)

SO: Knizhnaya Letopis' No. 51, 10 December 1955

DOBROBNANOVA, I.S.

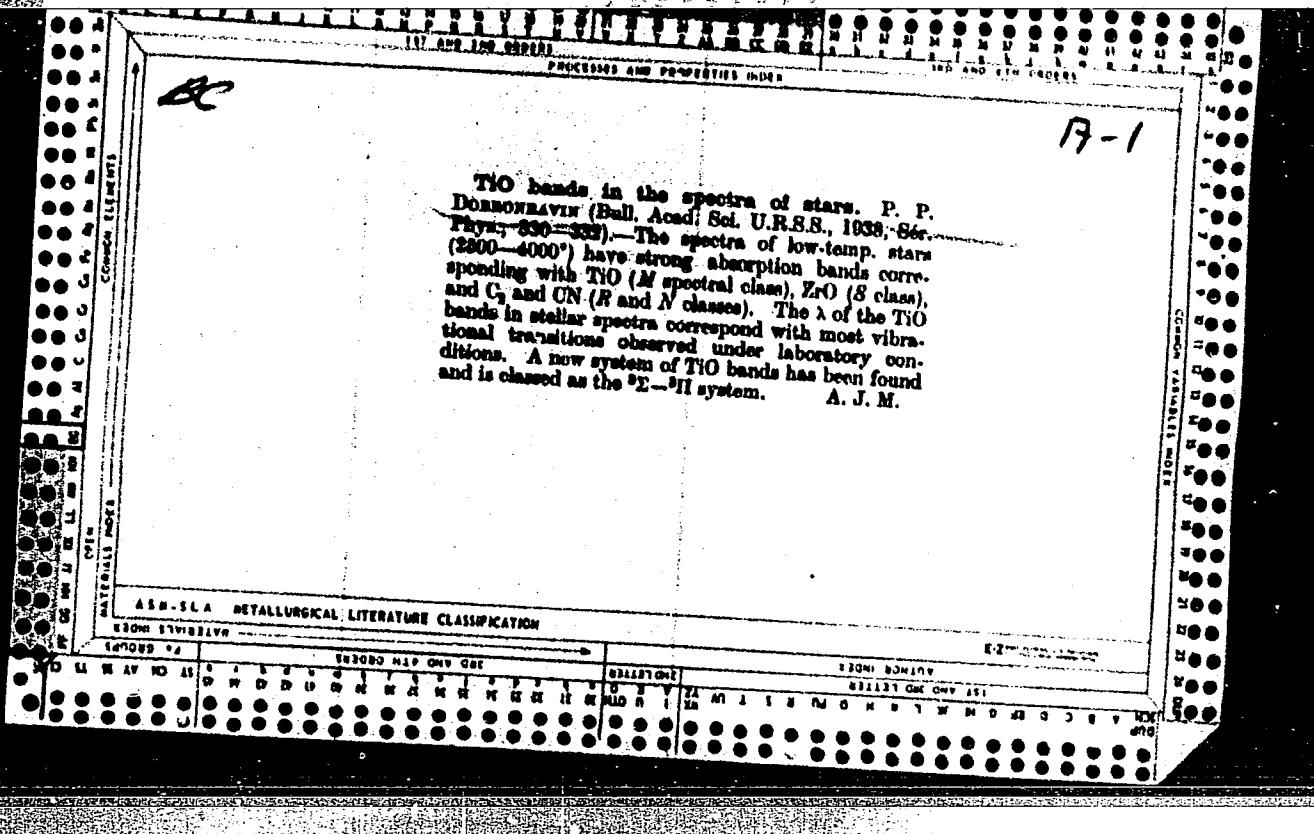
Changes in the bioelectrical activity of the cerebral cortex in  
man during the generation of motor conditioned reactions to time.  
Zhur.vys.nerv.deiat 14 no.1:33-39 Ja-F '64. (MIRA 17:6)

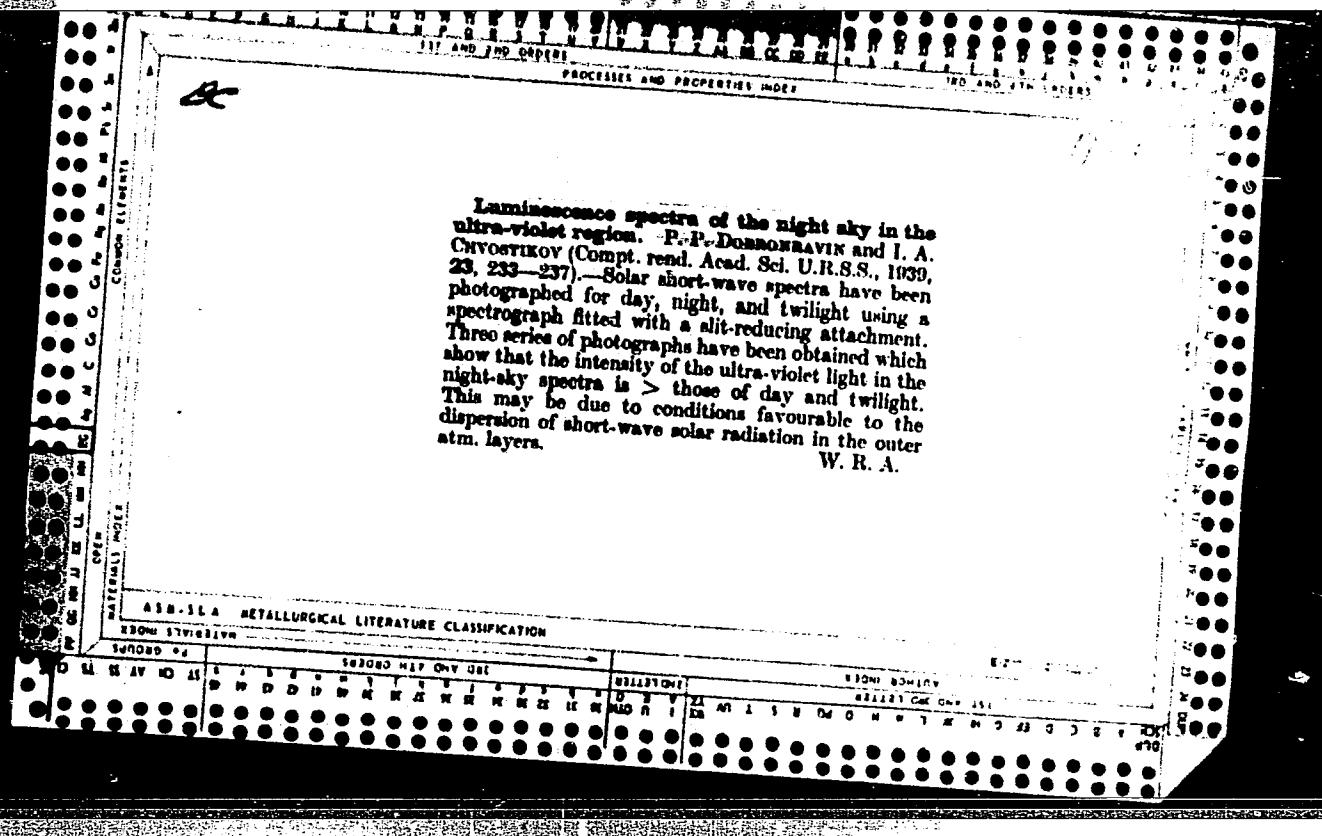
1. Institute of Higher Nervous Activity and Neurophysiology, U.S.S.R.  
Academy of Sciences, Moscow.

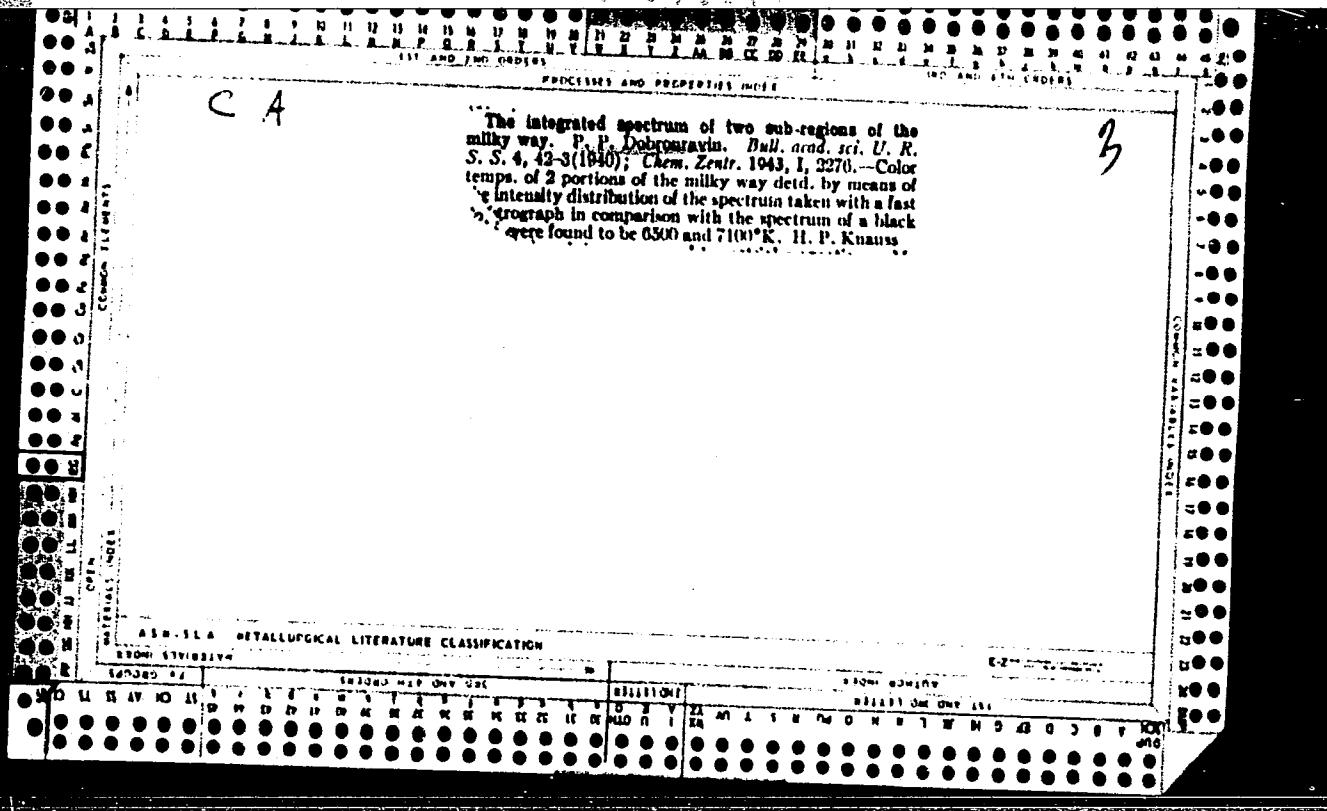


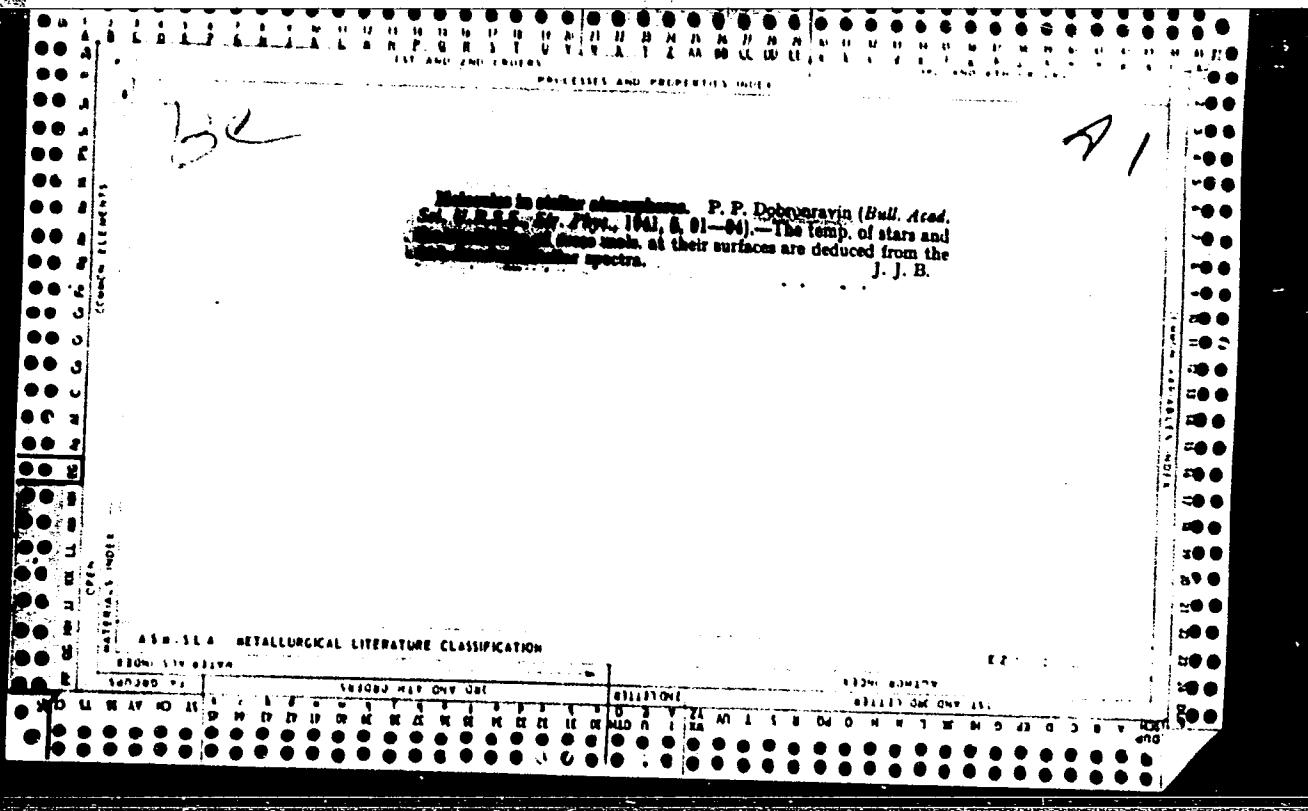
**TiO bands in the spectra of stars.** P. P. DOBROVOLNY (Ball. Acad. Sci. U.R.S.S., 1938, Ser. Phys., 230-232).—The spectra of low-temp. stars (2800-4000°) have strong absorption bands corresponding with TiO (*M* spectral class), ZrO (*S* class), and C<sub>2</sub> and CN (*R* and *N* classes). The  $\lambda$  of the TiO bands in stellar spectra correspond with most vibrational transitions observed under laboratory conditions. A new system of TiO bands has been found and is classified as the  $^3\text{P}_2 - ^3\text{P}_1$  system. A. J. M.

A. J. M.









DOBROKRAVIN, P. P.

PA 78T25

USSR/Geology  
Tectonics  
Astronomy

Apr 1948

"V. A. Varsenov'yeva's Book 'Origin and Structure of the Earth,'" P. P. Dobronravin, E. R. Mustel, Crimea Astrophys Obs, Acad Sci USSR, 2 pp

"Priroda" No 4

Book's sections on astronomy and physics are full of obsolete material, inaccuracies, and false assertions. e.g., on page 190 we read that the internal solar corona "is visible as a ring 5 - 6 feet (!) wide." Evidently symbol (') has been misinterpreted; it is used for both minutes of arc and feet. Quotes numerous other errors.

78T25

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410620006-2

DOBROKRAVIN, P. P.

27587. Novyy pribor dlya avtomaticheskoy gidirovki teleskopa. Priroda, 1949, No. 8,  
s. 47-49.

SO: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410620006-2"

DOBROKRAVIN, P. P.

USSR/Astronomy - Observatories

Oct 49

"The Crimean Astrophysical Observatory of the Academy of Sciences USSR," P. P. Dobronravin

"Vest Ak Nauk SSSR" No 10, pp 49-54

Discusses the initial construction of subject observatory, which is to be the main one in the USSR and the largest in Europe. Mentions pertinent personalities, history, future work, etc.

221T51

DOBRODRAVICH, P. P. (Cand Phys-Math Sci)

USSR/Nuclear Physics - Heavy Carbon

Apr 50

"Heavy Carbon in the Atmospheres of Stars," P. P.  
Dobronravich (Cand Phys-Math Sci)

"Nauka i Zhizn'" No 4, pp 26-28

An article for the layman discussing how useful astrophysics is to scientists desiring to study radiation from low-vacuum gases (as in red giants). Mentions the work of Acad G. A. Shayn on the upper stellar layers, resulting in his discovery of heavy carbon in stellar atmospheres. Mentions the significance of his discovery.

221T82

DOBRONRAVEN, P. P.

USSR/Astronomy - Spectrometer

Jun 50

"The First Soviet Nebular Spectrograph," P. P.

"Priroda" No 6, pp 54-57

TWO new nebular spectrographs have been designed by B. K. Ioannishiani of the Soviet optical industry, one being installed in the Crimean Astrophys Obs at Simeiz and the other in the Byurokan Obs in Armenia. The optic lens for the camera of the spectrograph in Simeiz was produced under the direction of D. D. Maksutov, Corr Mem, Acad Sci USSR, Laureate of the Stalin Prize.

222T36

DOBROKRAVICH, P. P.

USSR/Geophysics - Observatory  
Astrophysics

Sep 50

"Crimean Astrophysical Observatory of the Academy  
of Sciences USSR," P. P. Dobronravich

"Priroda" No 9, pp 83-88

Claims that subject observatory will be the most  
important one in Europe and will be the center of  
large-scale studies by Soviet astronomers. Plans  
include the construction of two 1,750-2,500 mm  
reflectors, and also large telescopes for solar  
studies. Discusses the works of G. A. Shayn,  
history of the observatory, its description with  
4 photographs.

212T77

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410620006-2

DOBRANRAVIN, P. P.

(Cand. Phys-Math. Sci)

"Soviet 1950 Conference on Astrospectroscopy," Vest. Ak. Nauk SSSR, No 11,  
pp 96-99, 1950

Summary in W-21577, 4 Mar 52

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410620006-2"

177T5

USSR/Astronomy - Carbon Isotopes, Heavy

Oct 50

"Heavy Carbon Isotope in Stellar Atmospheres,"  
P. P. Dobronravin

"Priroda" Vol XXXIX, No 10, pp 3-8

Surveys astrophys discoveries -- especially of F. A.  
Bredikhin, A. A. Belopolskiy and G. A. Shayn,  
assisted by V. F. Gaze -- concerning presence of  
heavy carbon C<sub>13</sub> in atm of carbon stars and the  
detn of its abundance.

LC

177T5

DOBROKHOVICH, P.P; CHUVAYEV, K.K.

Conference on astrospectroscopy. Astron.tsir. no.105:15-17 S '50.

(MLRA 6:8)  
(Spectrum analysis)

DOBROKONRAVIN, P. P.

USSR/Astronomy - Nebulae

May 51

"New Investigations of Bright Diffuse Nebulae,"

P. P. Dobromavin

"Priroda" No 5, pp 49-51

Acad G. A. Shain and V. F. Gaze studied pictures  
of diffuse nebulae at Crimea Astrophys Obs in  
Simeiz. They used a powerful mirror camera of  
1 : 1.4 lens ratio and 450-mm aperture with  
interposed monochromatic filters only 100 Å wide,

21175

photographing either in hydrogen light or in the  
region near hydrogen line toward shorter waves.  
Many new nebulae were discovered.

21175

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410620006-2

DOBRONRAVIN, P. P.

Spectrophotometer

Some problems in stellar spectrophotometric work. Izv. Krym. astrofiz. obser. No. 9, '52.

Monthly List of Russian Accessions, Library of Congress  
June 1953. UNCL.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410620006-2"

DOBROKRAVIN, P. P.

Solar System

"Structure of the solar system." Reviewed  
by P. P. Dobronravin. Astron. Zhur. 29  
No. 2, 1952 red. 15 September 1951

SO: Monthly List of Russian Accessions, Library of Congress, July 1952 1953, Uncl.

DOKER RAVIN, F.

Astronomy

"Exploration of distant worlds."  
M. Ivanovskiy. Reviewed by F.  
Dobronravin. Astron. zhur. 29  
no. 2, '52  
rcd. 28 November 1951.

SO: Monthly List of Russian Accessions, Library of Congress, July 1952 1953, Uncl.

DOBRODRAVIN, P. P.

USSR/Astronomy - Infrared Converter

Jul 53

"New Works of the Crimean Astrophysical Observatory," P. P. Dobronravin and S. B. Pikel'ner

Priroda, No 7, pp 50-56

Describes the history of the Crimean Observatory at Simeis, from 1900, the date of its origin, to the present. Discusses the works of G. A. Shayn and V. F. Gaze (ratios of numbers of isotopes in the atmosphere of stars, and carbon stars); P. F. Shayn (light from stars); P. P. Dobronravin (spectra); V. B. Nikonov, associate at Pulkovo Observatory, A. A. Kalinyak, and V. I. Krasovskiy (study of stellar infrared rays by means of electron-optical converters); I. S. Sklovskiy (theoretical radioastronomy); V. A. Ambartsumyan (red giants); Prof B. A. Vorontsov-Vel'yamin (interstellar gas blown from

237 T56

DOBRONRAVIN, P. P.

PA 246T47

USSR/ Astronomy - Book Review

Jan/Feb 53

"Review of M.P. Ivanovskiy's Book, 'Birth of Worlds,'"  
P.P. Dobronravin (reviewer)

"Astron Zhur" Vol 30, No 1, pp 111-114

Reviews a popular astronomy book for young readers  
by M. P. Ivanovskiy, "Rozhdeniye Mirov," published  
by Molodaya Gvardiya, 1951, 378 pp. Recommends  
that book be republished, with inclusion of sub-  
ject of cosmogony, and translated into languages  
of union republics.

246T47

USSR/Astronomy - Instruments

Card 1/1      Pub. 43 ~ 39/97

Authors : Dobronravin, P. P., and Nikonov, V. B.

Title : Instrument for recording the energy distribution in spectra of stars

Periodical : Izv. AN SSSR. Ser. fiz. 18/2, page 268, Mar-Apr 1954

Abstract : Brief description is given of a device for recording energy distributions in spectra of stars. The instrument employs Soviet made photo-multipliers and is intended for operation in a 500 mm meniscus telescope. The device records the ratio of the photocurrent produced by the light of a star at a given wave length and the photocurrent produced by a large part of the spectrum. The light oscillations caused by the flickering and vibration of the image on the slit are completely eliminated by the new recorder. This also includes the chromatic flickering of stars at greater zenith spaces.

Institution : Academy of Sciences USSR, The Crimean Astrophysic Observatory

Submitted : .....

DOBROKRAVIN, P.P.; SEVERNYY, A.B., professor, redaktor; GUROV, K.P.  
redaktor; MOSKVICHIEVA, N.I., tekhnicheskiy redaktor.

[Crimean astrophysical observatory of the Academy of Sciences  
of the U.S.S.R.] Krymskaya astrofizicheskaya observatoriia  
Akademii nauk SSSR. Moskva, izd-vo Akademii nauk SSSR 1955. 85 p.  
(Simeiz—Observatories)

BRODSKAYA, E.S.; SEVERNYY, A.B., doktor fiz.-mat.nauk, otv.red.;  
SHAYN, G.A., akademik, red.; MUSTEL', E.R., red.; DORRONRAVIN,  
P.P., kand.fiz.-mat.nauk, red.; GUROV, K.P., red.izd-va;  
POLYAKOVA, T.V., tekhn.red.

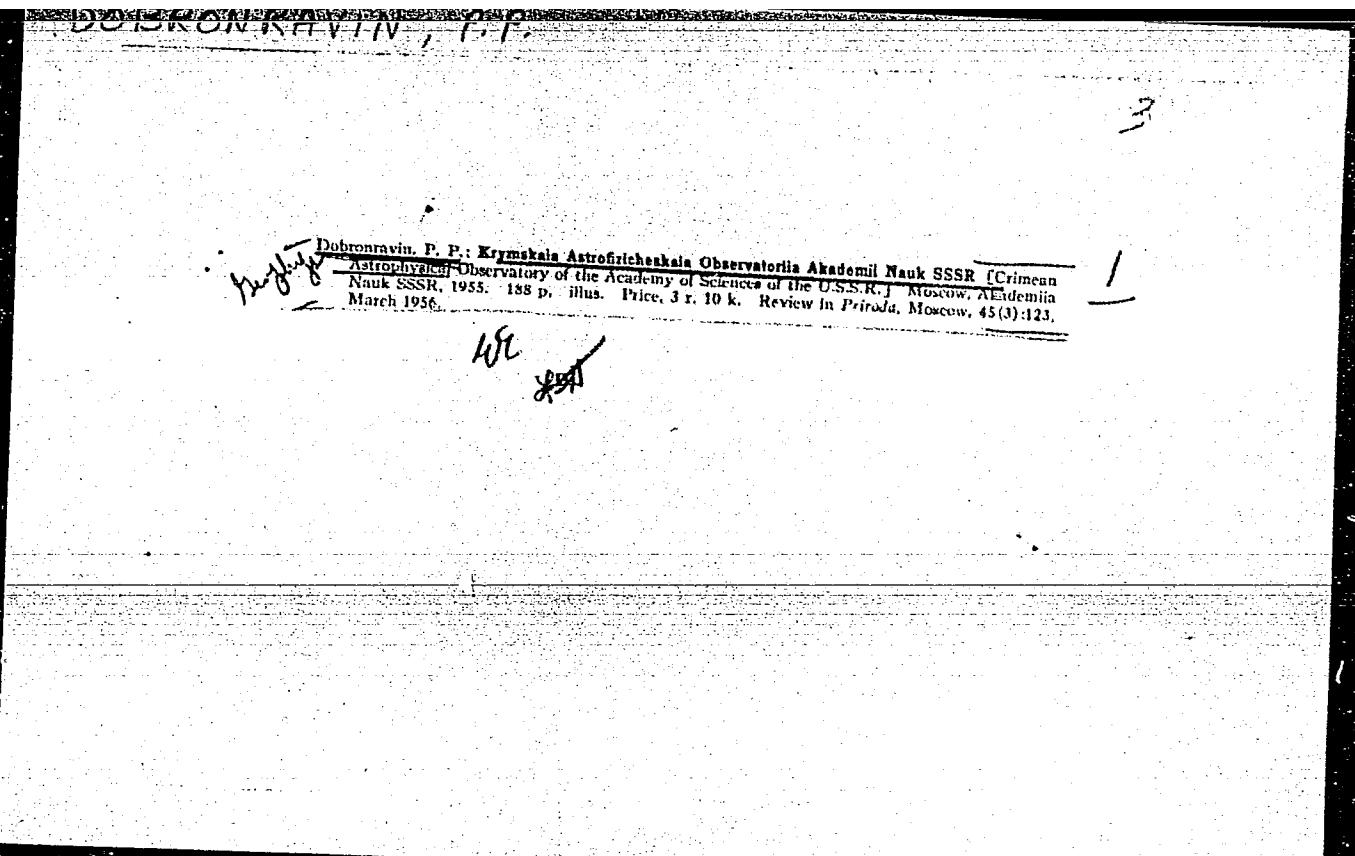
[Catalog of spectral classes, magnitudes, and color indices  
of 5752 stars in the area of the Milky Way with the center

$\alpha = 23^{\text{h}}25^{\text{m}}$ ,  $\delta = 61^{\circ}30'$ ] Katalog spektral'nykh klassov,  
velichin i pokazatelei tsvetov 5752 zvezd v ploschadke  
Mlechnogo Puti s tsentrom  $\alpha=23^{\text{h}}25^{\text{m}}$ ,  $\delta=61^{\circ}30'$ . Moskva,  
Izd-vo Akad.nauk SSSR, 1955. 137 p. (Akademika nauk SSSR.  
Krymskaya astrofizicheskaya observatoriya. Izvestiya, v.14).  
(MIRA 12:11)

1. Chlen-korrespondent AN SSSR (for Mustel')  
(Stars--Catalogs)

"APPROVED FOR RELEASE: 06/12/2000

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APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410620006-2"

DOBROKRAVIN, P.P.; NIKONOV, V.B.

Compensating stellar electrospectrophotometer. Izv.Krym.  
astrofiz.obser. 13:32-45 '55. (MIRA 13:4)  
(Spectrophotometer)

EOBRONRAVIN, P.P.

Grigorii Abramovich and Pelageia Fedorovana Shain; an obituary.  
Per. zvezdy 11 no.4:321-324 N '56. (MIRA 12:1)  
(Shain, Grigorii Abramovich, 1892-1956)  
(Shain, Pelagela Fedorovna, 1894-1956)

DOBROKRAVIN, P.P.

~~Present-day problems in astrophysics; scientific conference in the Crimean Astrophysical Observatory of the Academy of Sciences of the U.S.S.R. Priroda 45 no.5:49-53 May '56.~~ (MLRA 9:8)  
~~(Astrophysics--Congresses)~~

PHASE I BOOK EXPLOITATION SOV/4135

Dobronravin, P.P.

Krymskaya astrofizicheskaya observatoriya (The Crimean Astrophysical Observatory)  
[Moscow] Izd-vo AN SSSR, 1958. 49 p. 3,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR.

Resp. Ed.: P.G. Kulikovskiy; Tech. Ed.: A.P. Guseva.

PURPOSE: The booklet is intended for astronomers.

COVERAGE: This booklet, published on the occasion of the 10th Congress of the International Astronomical Association in Moscow on August 10-12, 1958, contains a description and brief historical outline of the development of the Crimean Astrophysical Observatory. Detailed descriptions of telescopes and other instruments at the Observatory are given. There are five departments at the Observatory: (1) physics of the stars; (2) physics of nebulae and interstellar space; (3) physics of the sun; (4) radio astronomy and the ionosphere; (5) design of astrophysical instruments. There is an English translation

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3

The Crimean Astrophysical Observatory

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of the booklet. No personalities are mentioned. There are no references.

TABLE OF CONTENTS: None given

The book is divided as follows:

A short History of the Observatory	3
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Telescopes for Observatory of Stars	14
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3

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Card 3/4	

ISAKOVA, O.V.; DOBRONRAVIN, P.P.; NESMEYANOV, A.N., akademik, glavnnyy  
red.; TOPCHIYEV, A.V., akademik, zam.glavnogo red.; ISAKOVA,  
O.V., otv.red.; LIKHTENSTEIN, Ye.S., otv.red.; SHUNKOV, V.I.,  
otv.red.; MAKUNI, Ye.V., tekhn.red.

Grigorii Abramovich Shain. Vstup.stat'ia P.P.Dobronravina.  
Bibliografiia sost.O.V.Isakovoi. Moskva, Izd-vo Akad.nauk SSSR,  
1960. 69 p. (Materialy k bibliografii uchenykh SSSR. Seriya  
astronomii, no.2). (MIRA 14:2)

1. Akademiya nauk SSSR.  
(Bibliography--Shain, Grigorii Abramovich, 1892-1956)

DOBROKRAVIN, P.P.

Using "double T" selective filters. Izv.Krym.astrofiz.observ. 24:  
229-234 '60. (MIRA 13:12)  
(Electric filters)

DOBRONRavin, P. P.

"The observation of the distant artificial cosmic object."

report submitted for 15th Intl Astronautical Cong, Warsaw, 7-12 Sep 64.

DOBROKRAVIN, Petr Pavlovich, kand. fiz.-matem. nauk; STESHENKO,  
Nikolay Vladimirovich, kand. fiz.-matem. nauk;  
SHUL'TS, N.P., red.

[Crimean Astrophysical Observatory of the Academy of  
Sciences of the U.S.S.R.] Krymskaia astrofizicheskaiia  
observatoriia Akademii nauk SSSR. Simferopol', Krym  
(MIRA 18:12)  
1965. 78 p.

IVANOV, A.; MIKHAILOV, P.; DOBRONRRAOV, A.A., dotsent, redaktor;  
NEYFAKH, A.M., kandidat ekonomicheeskikh nauk, dotsent; SOKOLOVA  
Ye.I., redaktor; BARYSHEV, I.G., redaktor; VOLKOVA, Ye., tekhnicheskiy redaktor.

[Soviet Black Sea region] Sovetskoe chernomor'e. [Izd. 2-e]  
Moskva, Izd-vo "Morskoi transport," 1955. 366 p. (MLRA 8:10)  
(Black Sea region--Description and travel)

KOLYUTSKAYA, O.D.; DOBRONRAPOV, A.S.

Prophylaxis and therapy for preoperative acute pulmonary edema  
in patients with mitral stenosis. Trudy 1-go MMI 33:219-225  
'64. (MIRA 18:3)

KOLYUTSKAYA, O.D.; DOBRONRAVOV, A.S.; YEFUNI, S.N.

Use of promedol in surface anesthesia. Trudy 1-go MMI 33:341-348  
'64.

Anesthetic mixture of cyclopropane, nitrous oxide and oxygen in  
the light of electroencephalographic data. Ibid.:397-402  
(MIRA 18:3)

KOLYUTSKAYA, O.D.; GEBEL', G.Ya.; DOBRONRAVOV, A.S.; RABKIN, I.Kh.

Use of some pharmacological preparations (aminazine, diprazin, promedol, atropine, euphyllin) on patients with mitral heart defects. Trudy 1-go MMI 33:381-389 '64.

(MIRA 18:3)

PETROV, V.I., kand.med.nauk; DOBRONRAOV, A.S.; AVRAMOV, A.R.

Tracheobronchoscopy and bronchography under anesthesia using relaxants.  
Sov. med. 25 no.11:118-120 N '61. (MIRA 15:5)

1. Iz gospital'noy khirurgicheskoy kliniki (dir. - deystvitel'nyy  
chlen AMN SSSR prof. B.V.Petrovskiy) I Moskovskogo ordena Lenina  
meditsinskogo instituta imeni I.M.Sechenova.  
(BRONCHOSCOPY) (BRONCHI--RADIOGRAPHY)  
(TRACHEA--EXPLORATION) (MUSCLE RELAXANTS)

DOBRONRAVOV, A.S.

Comparative evaluation of various types of anesthesia in surgery  
for mitral defects of the heart. Khirurgiia no.1:57-64 '62.  
(MIRA 15:11)

1. Iz laboratorii anesteziologii (zav. O.D. Kolyutskaya) Mini-  
sterstva zdravookhraneniya RSFSR na baze gospital'noy khirur-  
gicheskoy kliniki (zav. - deyatel'nyy chlen AMN SSSR prof.  
B.V. Petrovskiy) I Moskovskogo ordena Lenina meditsinskogo  
instituta imeni I.M. Sechenova.

(MITRAL VALVE—SURGERY) (ANESTHESIA)

DOBRODRAZOV, A.S.

Use of analgesics in surgery for acquired heart diseases. Eksper.  
khir. i anest. 8 no.4:72-75 Jl-Ag '63. (MIRA 17:5)

1. Gospital'naya khirurgicheskaya klinika (zaveduyushchiy -  
deystviteľnyy chlen AMN SSSR prof. B.V. Petrovskiy) I Moskovskogo  
ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

DOBROBNRAOV, A.V.

Effect of hormone therapy on the excretion of uropepsin in some  
diseases of the blood system in children. Vop. gemat. v pediat.  
no.3:147-152 '64. (MIRA 18:7)

S/118/62/000/012/001/002  
D201/D308

AUTHORS: Dobronravov, D.N., Kleshko, O.B., and Lyambakh, R.V.,  
Engineers

TITLE: Automatic control of strip thickness

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva,  
no. 12, 1962, 3-8

TEXT: A description is given of the design and analysis of automatic control of the continuous hot rolling process of a thin strip, as carried out at the rolling mill '2500' of the Magnitogorskiy metallurgicheskiy kombinat (Magnitogorsk Metallurgical Combine). The mill has 4 coarse and 6 finishing cages, with 700 and 1400 mm diameter of working and supporting rolls respectively. The thickness of rolled strips is 1.5 to 10 mm, its width is 1000 to 2350 mm. The output velocity of the strip is 12 m/sec. The method of automatic control was developed at the Tsentral'naya laboratoriya avtomatiki (TsLA) (Central Laboratory of Automation). The basic elements of the control system are the controllers of the roller gaps, placed

Card 1/2

Automatic control of strip thickness

S/118/62/000/012/001/002  
D201/D308

at the 6th, 7th, 8th and 9th cages, which keep the gaps constant during the rolling process. The Sigmms-Golovin equation makes it possible to find the gap indirectly from measurements of the pressure of the roller clamp screw, and the deformation of the cage. The strip tension is measured by a loop-tension pickup. The position of the clamp screw is measured by the special position pickup ДР-5138 (DR-5138), in the form of a rheochord, with a remotely controlled wiper. It is envisaged that tension gauges developed by VNIIMETMASH and TsSLA and magneto-anisotropic pressure pickups, developed at TsNIIChM, be used for the measurements of metal pressure against the rollers. An X-ray intensity meter ИТГ-5236 (ITG-5236) measures the strip thickness continuously. The gap control device has several electronic circuits, the most important of which are the electronic measuring amplifier, pressure storage circuit, adder and gap controller amplifier. A model under test proved to be reliable. The economy in metal could be 4.5 million roubles per year. There are 8 figures.

Card 2/2

I 38913-66 EWT(e)/EWT(s)/EWP(v)/EWP(t)/STL/SAP(R)/TSP(h)/SMP(1) JEP(s)

ACC NR: AP6017639 JD/EW (N) SOURCE CODE: UR/0133/66/000/001/0050/0055 52

AUTHOR: Dobronravov, D. N.; Lyambakh, R. V.; Stupnikov, E. G.; Shishkinskiy, V. I.;  
Burdin, V. M.; Muzalevskiy, O. G.; Yevdokimov, A. S.; Yegorov, Ye. P.; Leont'yev,  
S. A.; Shesterkin, A. G.; Khusid, S. Ye.

ORG: Central Automation Laboratory (Tsentral'naya laboratoriya avtomatiki);  
TsNIIChM; Magnitogorsk Metallurgical Combine (Magnitogorskiy metallurgicheskiy  
kombinat)

TITLE: Experimental operation of an automatic system for controlling strip thickness  
on the 2500 continuous sheet mill 14 14

SOURCE: Stal', no. 1, 1966, 50-55

TOPIC TAGS: hot rolling, automatic control equipment, steel

ABSTRACT: An automatic control system was developed for regulating the thickness of  
steel strip, consisting of regulators of the gaps between the work rolls, and of a  
system stabilizing the tension of the strip between the stands. The automatic con-  
trol system yielded satisfactory performance data on the 2500 continuous hot-rolling  
mill, and for the majority of the strip profiles studied, decreased the longitudinal  
variation in thickness and maintained a more accurate nominal strip thickness than  
had been possible before. In the presence of the automatic control system, the  
strips are rolled with deviations of no more than  $\pm 0.05$  mm (with the exception of

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UDC: 621.771.23:65.011.56

L 35913-66

ACC NR: AP6017639

short rear portions of the strip, where the positive deviation reaches 0.1-0.15 mm). Without the automatic control system, the length of the strip ends thickened by 0.3-0.2 mm reaches 50-100 m. The decrease in the length of thickened portions of the strip and a more accurate control of nominal strip thickness result in a 1.5% average increase in strip length. Orig. art. has: 6 figures and 2 tables.

SUB CODE: 11,13/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 001

Copy 2/2 ill.

BA

8 III - 2

Increasing throughput of diffusion battery. P. N. Dzhurapayev and D. D. Gromov (Sakhar. Zhurn., 1981, No. 10, 17-21; Sog. Izd. Akad., 1981, 10, 179).—Modifications described are: increasing the working vol. from 75 to 86 hl. by increasing the cylindrical height by 310 mm.; good maintenance of valves and inter-diffuser piping; fixing three ridge-shaped combs on the bottom covers of the diffusers; adding an additional row of chains in the diffusers. A total increase in throughput of 17% was attained. V. S. Antip.

DOBRONRRAOV, F. N., and SOKOLOV, P. V.

Composition of water condensate from evaporators of the Novo-Troitsk sugar refinery. Sakh. prom. 26, No 3, 1952.

DOBRODRAZOV, T.N.

Kirghizistan - Beets and Beet Sugar

Growing and processing sugar beets in Kirghizistan. Sakh. prom. 26, No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952 1/53, Uncl.

1. DOBRODRAZOV, F. N.: SOKOLOV, P. V.: PETRIK, B. U.
  2. USSR (600)
  4. Filters and Filtration
  7. Significance of control filtration of the juice after filter presses of the 1st saturation. Sakh. prom. 26 No. 10, 1952.
- ~ ~ ~
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

DOBROKRAZOV, P.N.

~~Efficient arrangement of saturator grates. Sakh.prom. 28 no.6:  
34-35 '54.~~

(MLRA 7:11)

1. Gruppovaya laboratoriya Kirgizskogo sakhsveklotresta.  
(Sugar industry--Equipment and supplies)

Dobronravov, F.N.

USSR.

Determination of calcium salts by complexometric method. F. N. Dobronravov and A. M. Grusimova. *Sakharov. Prom.* 19, No. 2, 30-1 (1955). --The sample of juice or syrup is placed in a 250-300-ml. Erlenmeyer flask, 5 cc. of buffer soln. is added (mixt. of 100 cc. of 20% NH<sub>4</sub>Cl + 100 cc. of 20% NH<sub>4</sub>OH + 800 cc. of distd. H<sub>2</sub>O, or 5 cc. of 1 buffer soln. prep'd. as follows can be used: 40 g. Na<sub>2</sub>HPO<sub>4</sub>·10H<sub>2</sub>O dissolved in 800 ml. of distd. H<sub>2</sub>O + 100 cc. of 10% NaOH and all made up to 1000 cc.), From 7 to 8 drops of indicator is added and titrated with 1/28*N* Triton B, with continuous agitation. Ca - mols = [(a - a<sub>1</sub>)K] 100/100X, where a is cc. of Triton B used for titration, a<sub>1</sub> is cc. of Triton B used for titration of distd. H<sub>2</sub>O, K is N of Triton B and X is the wt. of sample. V. E. Balkow

Dobronravov, F. N.

*Allen* Cleaning incrustation from heaters for raw beet juice. F. N. Dobronravov. *Sakkarnaya Prom.* 30, No. 1, 37-40 (1958). — Cleaning the heating surfaces of raw-beet-juice heaters with unsaturated or unfiltered juices from the first carbonation resulted in a decrease in quality of the second-carbonation juices. The cause of this decrease is peptization of N, pectin, and colloidal substances of the incrustation. It is recommended to use 3-5% soin. of  $\text{Na}_2\text{CO}_3$  and to circulate it for 3 to 6 hrs. through the heaters. V. E. Balkow

DOBRODRAZOV, F.N.; ZHURAVLEVA, Z.D.; GERASIMOVA, A.M.

Methods for purifying juice by means of cold and hot predefecation.  
Sakh.prom. 30 no.10:12-16 O '56. (MLRA 10:1)

1. Novo-Troitskiy sakharayy zavod.  
(Sugar industry)

*DOBROKHOV, F. N.*

DOBROKHOV, F. N.; GERASIMOVA, A.M.

Operation of the diffusion battery according to the method of the  
Kuban Sugar Mill No.2. Sakh. prom. 31 no.10:22-24 O '57. (MIRA 11:1)

1. Nomo-Troitskaya gruppovaya laboratoriya.  
(Sugar machinery)

DOBRODNOV, F.N.; GERASIMOVA, A.M.; ACHKASOVA, G.V.

Effect of invert sugar on the properties of filtered juice.  
Sakh.prom. 33 no.10:19-23 O '59. (MIRA 13:3)

1. Novo-Troitskaya gruppovaya laboratoriya.  
(Sugar manufacture)

ZHURAVLEVA, Z.D.; DOBRONRAOV, F.N.; LOZINSKIY, R.B.

Use of hydrocyclones at the Novo-Troitsk Factory. Sakh.prom.  
34 no.2:14-20 F '60. (MIRA 13:5)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti (for Zhuravleva). 2. Novo-Troitskiy sakharnyy zavod (for Dobronravov, Lozinskiy).  
(Novo-Troitsk (Kirghizistan)--Sugar machinery)  
(Separators (Machines))

YENIKETEV, S.G.; DOBRONRAVOV, F.N.; KHAYBULLINA, M.Kh.

Comparative biochemical characteristics of hollow and solid sugar beet roots. Izv.vys.ucheb.zav.; pishch.tekh. no.4;19-21 '60.  
(MIRA 13:11)

1. Kirgizskiy sel'skokhozyaystvennyy institut. Kafedra fiziologii rasteniy.

(Sugar beets)

YENIKEYEV, S.G.; DORRONRAVOV, F.N.; GERASIMOV, A.M.

Chemical composition and processing properties of Dzhangi-Dzher beets.  
Sakh.prom. 34 no.10:43-44 O '60.  
(MIRA 13:10)

1. Kirgizskiy sel'skokhozyaystvennyy institut (for Yenikeyev).
2. Novo-Troitskiy sakharinyy zavod (for Dobronravov, Gerasimov).  
(Kirghizistan--Sugar beets)

DOBRODRAZOV, F.N.; ZHURAVLEVA, Z.D.

Effect of centrifugal pumps on the precipitate of the first carbonation juice, Sakh.prom. 34 no.11:12-15 N '60. (MIRA 13:11)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti.  
(Sugar manufacture)

ZHURAVLEVA, Z.D.; DOBRONRAVOV, F.N.

Simplified and accelerated system for juice purification. Sakh. prom. 35  
no.2:48-49 F '61. (MIRA 14:3)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti  
(for Zhuravleva). 2. Novo-Troitskiy sakharnyy zavod (for Dobronravov).  
(Sugar manufacture)